CRF Errors Corrected by the STIC Systems Branch #90IPE

Serial Number: 09/665493 — 590 — 1011

CRF Processing Date: 10/18/01
Edited by: MH
Verified by: _____ (STI

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by th applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an intege

ENTERED

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (erro due to a PatentIn bug). Sequences corrected: _____

☐ Other:

_____

_____

_____

_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 10/18/2001
PATENT APPLICATION: US/09/665,493 TIME: 11:33:22

Input Set : A:\PTO.MH.txt
Output Set: N:\CRF3\10182001\I665493.raw

<110> APPLICANT: Manning, William C., Jr.
Dwarki, Varavani J.
Rendahl, Katherine
Zhou, Shang-Zhen
McGee, Laura H.
Lau, Dana
Flannery, John G.
Miller, Sheldon
Wang, Fei
Di Polo, Adriana
<120> TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS FOR TREATING OR PREVENTING DISEASES OF THE EYE
<130> FILE REFERENCE: PP01588.005 (20263.40)
C--> **<140> CURRENT APPLICATION NUMBER: US/09/665,493**
C--> **<141> CURRENT FILING DATE: 2001-09-17**
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/665,493

DATE: 10/18/2001
TIME: 11:33:22

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PATENT APPLICATION: US/09/665,493 TIME: 11:33:22

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227 taggtgaaga tccttttttga taatctcatg accaaaatcc cttaacgtga gttttcgttc 4620
228 cactgagcgt cagaccccgt agaaaagatc aaaggatctt cttgagatcc tttttttctg 4680
229 cgcgtaatct gctgcttgca aacaaaaaaa ccaccgctac cagcggtggt ttgtttgccg 4740
230 gatcaagagc taccaactct ttttccgaag gtaactggct tcagcagagc gcagatacca 4800
231 aatactgtcc ttctagtgta gccgtagtta ggccaccact tcaagaactc tgtagcaccg 4860
232 cctacatacc tcgctctgct aatcctgtta ccagtggctg ctgccagtgg cgataagtcg 4920
233 tgtcttaccg ggttggactc aagacgatag ttaccggata aggcgcagcg gtcgggctga 4980
234 acgggggttt cgtgcacaca gcccagcttg gagcgaacga cctacaccga actgagatac 5040
235 ctacagcgtg agctatgaga aagcgccacg cttcccgaag ggagaaaggc ggacaggtat 5100
236 ccggtaagcg gcagggtcgg aacaggagag cgcacgaggg agcttccagg gggaaacgcc 5160
237 tggtatcttt atagtcctgt cgggtttcgc cacctctgac ttgagcgtcg atttttgtga 5220
238 tgctcgtcag gggggcggag cctatggaaa aacgccagca acgcggcctt tttacggttc 5280
239 ctggcctttt gctggccttt tgctcacatg ttctttcctg cgttatcccc tgattctgtg 5340
240 gataaccgta ttaccgcctt tgagtgagct gataccgctc gccgcagccg aacgaccgag 5400
241 cgcagcgagt cagtgagcga ggaagcggaa gagcgcccaa tacgcaaacc gcctctcccc 5460
242 gcgcgttggc cgattcatta atgcagctgg cgcgctcgct cgctcactga ggccgcccgg 5520
243 gcaaagcccg ggcgtcgggc gacctttggt cgcccggcct cagtgagcga gcgagcgcgc 5580
244 agagagggag tggccaactc catcactgat 5610
245 <210> SEQ ID NO: 3
246 <211> LENGTH: 7096
247 <212> TYPE: DNA
248 <213> ORGANISM: Homo sapien
250 <400> SEQUENCE: 3
251 aaaacttgcg gccgcggaat ttcgactcta ggccattgca tacgttgtat ctatatcata 60
252 atatgtacat ttatattggc tcatgtccaa tatgaccgcc atgttgacat tgattattga 120
253 ctagttatta atagtaatca attacggggt cattagttca tagcccatat atggagttcc 180
254 gcgttacata acttacggta aatggcccgc ctggctgacc gcccaacgac ccccgcccat 240
255 tgacgtcaat aatgacgtat gttcccatag taacgccaat agggactttc cattgacgtc 300
256 aatgggtgga gtatttacgg taaactgccc acttggcagt acatcaagtg tatcatatgc 360
257 caagtccgcc ccctattgac gtcaatgacg gtaaatggcc cgcctggcat tatgcccagt 420
258 acatgacctt acgggacttt cctacttggc agtacatcta cgtattagtc atcgctatta 480

VERIFICATION SUMMARY DATE: 10/18/2001
PATENT APPLICATION: US/09/665,493 TIME: 11:33:23

Input Set : A:\PTO.MH.txt
Output Set: N:\CRF3\10182001\I665493.raw

L:22 M:270 C: Current Application Number differs, Replaced Current Application Number
L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING DATE: 10/03/2001
PATENT APPLICATION: US/09/665,493 TIME: 15:36:09

Input Set : A:\seq lis.txt
Output Set: N:\CRF3\10032001\I665493.raw

```
      4 <110> APPLICANT: Manning, William C., Jr.
      5       Dwarki, Varavani J.
      6       Rendahl, Katherine
      7       Zhou, Shang-Zhen
      8       McGee, Laura H.
      9       Lau, Dana
     10       Flannery, John G.
     11       Miller, Sheldon
     12       Wang, Fei
     13       Di Polo, Adriana
     16 <120> TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
     17       FOR TREATING OR PREVENTING DISEASES OF THE EYE
     20 <130> FILE REFERENCE: PP01588.005 (20263.40)
C--> 22 <140> CURRENT APPLICATION NUMBER: US/09/665,493
C--> 23 <141> CURRENT FILING DATE: 2001-09-17
     25 <160> NUMBER OF SEQ ID NOS: 12
     27 <170> SOFTWARE: FastSEQ for Windows Version 4.0


ERRORED SEQUENCES

    615 <210> SEQ ID NO: 12
    616 <211> LENGTH: 42
    617 <212> TYPE: DNA
    618 <213> ORGANISM: Artificial Sequence
    620 <220> FEATURE:
    621 <223> OTHER INFORMATION: PCR primer
    623 <400> SEQUENCE: 12
    624 cgcgcgctcg agaccatgag gaatattatc caaagcgaaa ct                    42
E--> 627 1
```

Edit End of File Non ASCII text

VERIFICATION SUMMARY DATE: 10/03/2001
PATENT APPLICATION: US/09/665,493 TIME: 15:36:10

Input Set : A:\seq lis.txt
Output Set: N:\CRF3\10032001\I665493.raw

L:22 M:270 C: Current Application Number differs, Replaced Current Application Number
L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:627 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:42 SEQ:12

STATISTICS SUMMARY DATE: 10/03/2001
PATENT APPLICATION: US/09/665,493 TIME: 15:36:10

Input Set : A:\seq lis.txt
Output Set: N:\CRF3\10032001\I665493.raw

Application Serial Number: US/09/665,493
Alpha or Numeric: Numeric
Application Class:
Application File Date: 09-17-2001
Art Unit: OIPE
Software Application: FastSeq
Total Number of Sequences: 12
Total Nucleotides: 26664
Total Amino Acids: 421
Number of Errors: 1
Number of Warnings: 0
Number of Corrections: 2

MESSAGE SUMMARY

254 E: 1 (No. of Bases conflict)
270 C: 1 (Current Application Number differs)
271 C: 1 (Current Filing Date differs)